NASA/GODDARD SPACE FLIGHT CENTER

REQUEST FOR TASK PLAN / TASK ORDER

CONTRACTOR	CONTRACT NO./TASK NO.			JOB ORDER NUMBER	APPROP. FY
	NAS5-	TASK NO.	AMENDMENT		
QSS Group, Inc.	99124	203		924-227-62-49-89	2000

TASK TITLE: (NTE 80 characters; include Project name)

GLAS Instrument Simulator

APPROVALS: (Type or print name and sign)

ASSISTANT TECHNICAL REPRESENTATIVE (OR TASK MONITOR)	DATE	ORG CODE	MAIL CODE	PHONE
Arturo Ferrer	1/28/00	582	582	301-286-3472
BRANCH HEAD	DATE	CODE		PHONE
Elaine Shell	1/28/00		582	301-286-7104
CONTRACTING OFFICER'S TECHNICAL REPRESENTATIVE (COTR)	DATE	CODE		PHONE
Robert S. Lebair Deborah A. Clark	1/28/00		560	301-286-6382

FLIGHT HARDWARE, CRITICAL GSE OR SOFTWARE?	CONTRACTING OFFICER'S QUALITY REP.	DESIGNATED FAM:
(IF YES, NEED CODE 303 CONCURRENCE NEXT BLOCK) [X] NO [ ] YES	Larry Moore	Ron Kolecki

The contractor shall identify and explain the reason for any deviations, exceptions, or conditional assumptions taken with respect to this Task Order or to any of the technical requirements of the Task Order Statement of Work and related specifications. The contractor shall complete and submit the required Reps and Certs.	*(To be completed by Contracting Officer)* **C.O. Requested Quote on:** **Date:** JAN 3 1 2000

Contractor will develop specification or statement of work under this task for a future procurement.		[X] NO [ ] YES	
Flight hardware will be shipped to GSFC for testing prior to final delivery.	[ ] NO	[ ] YES	[X] N/A
Government Furnished Property/Facilities:	[ ] NO	[X] YES -- SEE LIST OF GFP (offsite only) / FACILITIES (onsite only)	
Onsite Performance:	[ ] NO	[X] YES If yes:	[X] TOTAL [ ] PARTIAL
		If partial, indicate onsite work in SOW by asterisk (*)	
Surveillance Plan Attached:	[X] NO	[ ] YES	

Highlighted Contract Clauses: *(to be completed by Contracting Officer)*

    Per Clause H.14, Task Ordering Procedure, subparagraph (f), the
    effective date of this task order shall be February 4, 2000

INCENTIVE FEE STRUCTURE (check one)
(See Contract NAS5-99124, Attachment K, Incentive Fee Plan)

	No. 1	No. 2	No. 3	X No. 4	No. 5
Cost	10%	50%	25%	25%	
Schedule	15%	25%	25%	50%	
Technical	75%	25%	50%	25%	

(To be completed by Contracting Officer)

The target cost of this task order is $ 26,659   .

The target fee of this task order is $ 1,733   .

The total target cost and target fee of this task order as contemplated by the Incentive Fee

clause of this contract is $ 28,392   .

The maximum fee is $ 2,533   .

The minimum fee is $0.

AUTHORIZED SIGNATURE:

THIS TASK ASSIGNMENT IS ISSUED ACCORDING TO THE CONTRACT CLAUSE "TASK ASSIGNMENTS AND REPORTS"

Lorrie L. Eakin (signature) 3/9/00		Lorrie L. Eakin Contracting Officer
SIGNATURE OF CONTRACTING OFFICER DATE		TYPED NAME OF CONTRACTING OFFICER

CONTRACTOR'S ACCEPTANCE:

AUTHORIZED SIGNATURE	DATE

GSFC FORM 703-1845   12/98 (OLDER VERSIONS ARE OBSOLETE)

DISTRIBUTION: CONTRACTOR, CONTRACTING OFFICER, COTR, CODE 303, RESOURCES ANALYST, ASSISTANT TECHNICAL REPRESENTATIVE

NASA/GODDARD SPACE FLIGHT CENTER

REQUEST FOR TASK PLAN / TASK ORDER

CONTRACTOR	CONTRACT NO. /TASK NO.		
	NAS5-	TASK NO.	AMENDMENT
QSS Group, Inc.	99124	203	

Applicable paragraphs from contract Statement of Work: Function 4D5

STATEMENT OF WORK: (Continue on blank paper if additional space is required)

The contractor shall develop, integrate, and test software to simulate the GLAS instrument 1553 and RS-422 spacecraft. interfaces to the ICESAT spacecraft.

The contractor shall participate in the delivery, installation and checkout of the GLAS instrument simulator software at Ball Aerospace in Boulder, Colorado.

The contractor shall provide up to three weeks support following delivery of the simulator to Ball Aerospace.

The contractor shall provide the following documentation and procedures:
1. Source code,
2. Executable code,
3. User's Guide for all developed software.
4. Submit all source code and documentation to GLAS Flight Software Configuration Management System.

PERFORMANCE SPECIFICATIONS:
Must handle all GLAS command and telemetry formats as described in GLAS Command and telemetry handbook and the RS2000 Spacecraft to GLAS Instrument ICD (ICESAT CDRL DID Sequence Number 3).

APPLICABLE DOCUMENTS:

GLAS Command and telemetry handbook
RS2000 Spacecraft to GLAS Instrument ICD (ICESAT CDRL DID Sequence Number 3)

GFE LIST:
Pentium PC Desktop and Monitor, 1553 Condor card, ADIO timer card, National Instrument Corp DIO 6533 I/F card. Microsoft Visual C++ Professional Version 6.0, Microsoft Developer's Network Professional Subscription (MSDN). NTGSE equipment, RS-422 converter box.

TASK END DATE: 5/31/00

MILESTONES/DELIVERABLES AND DATES:

1. Demonstrate working 1553 interface between GLAS Instrument Simulator and NTGSE.
   Due Date: 25 days after availability of NTGSE and GFE GLAS Simulator Equipment.
2. Demonstrate working RS-422 interface between GLAS Instrument Simulator and NTGSE.
   Due Date: 15 days after availability of NTGSE, GFE GLAS Simulator and RS-422 converter box.
3. Deliver all executable code, source code, and User's Guide for the software developed in deliverable items 1 and 2.
   Due Date: Not later that April 1, 2000.

PERFORMANCE STANDARDS:
           Schedule: On-time delivery/completion of the above
           Technical: ATR's acceptance of the above

FINAL DELIVERY DESTINATION (NAME, BLDG, ROOM):
Arturo Ferrer, Building 3, Room 236

GSFC FORM 703-1845a